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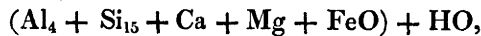
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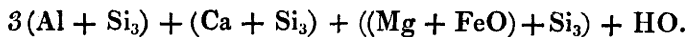
Silica, . . . . .	67.96
Alumina, . . . . .	23.20
Lime, . . . . .	3.23
Magnesia, . . . . .	0.63
Oxide of Iron, . . . . .	1.19
Water, . . . . .	2.80
	<hr/>
	99.01

As no washing completely removes the presence of sand from this clay, which always feels gritty to a glass rod, and as it contains comminuted mica, it could not be expected that its analysis should present a precisely mineralogical result.

From the close analogy, however, which the above figures present to the composition of various felspathic rocks, as analysed by Beudant, Berthier, &c., there can be little doubt but that the geothetic origin of this clay is the decomposition of felspar, or other allied granitic minerals. In fact the results approximate to the formula (taking the iron and magnesia together).



or,



This clay is of very great economic value, and capable of being used for the manufacture of the finer descriptions of pottery or even of porcelain; it has, however, hitherto only been brought into use for the manufacture of crucibles, by Mr. Mallet.

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The President read a paper on an improvement in the double achromatic object glass.

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